

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,589,234 B2  
APPLICATION NO. : 10/562730  
DATED : September 15, 2009  
INVENTOR(S) : Shigeru Morita et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

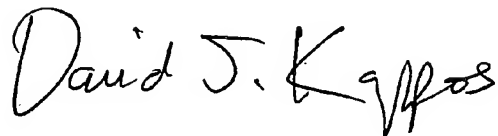
Column 28, lines 10-12

delete “principal chain thereof, X<sup>1</sup> represents hydrogen atom of fluorine atom, and M represents NH<sub>4</sub> or a monovalent metal element.” and insert

-- principal chain thereof, X<sup>1</sup> represents hydrogen atom **or** fluorine atom, and M represents NH<sub>4</sub> or a monovalent metal element. --

Signed and Sealed this

Fifth Day of January, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*